

Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application. The following listing provides the amended claims with deleted material crossed out and new material underlined to show the changes made.

5 1. (Currently Amended) A method comprising:
 creating, for every event to be logged that has not yet been logged within an application,
 an event object, said event object occupying a memory space ~~and executing~~ that is independent
 of said application; and

 logging within said event object the start time, end time and information regarding the
10 event.

 2. (Original) A method according to claim 1 further comprising:
 checking, for each event identified by the application, whether event logging has been
 turned on.

 3. (Previously Presented) A method according to claim 2, wherein said creating and
15 said logging are performed for each event having event logging turned on, wherein a plurality of
 event objects are created and logged for a plurality of events.

 4. (Original) A method according to claim 3 further comprising:
 analyzing of said event objects after event logging is turned off.

 5. (Previously Presented) A method according to claim 4 wherein analyzing includes:
20 allowing user definition of the hierarchical levels of granularity of said events whose
 event objects are to be analyzed; and

 allowing user definition of contexts for differentiating repeated occurrences of events
 deemed identical by nature of their hierarchical position.

 6. (Original) A method according to claim 5 wherein analyzing further includes:

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grouping events into their hierarchical subgroups; and

grouping events by their context, if any are defined.

7. (Original) A method according to claim 6 wherein analyzing comprises:

traversing through the hierarchy of subgroups until the subgroup of finest granularity is

5 traversed;

subdividing said events into further subgroups;

computing statistics for each subgroup while traversing; and

displaying said statistics.

8. (Original) A method according to claim 7 wherein if said subgroup of finest

10 granularity has been traversed, then:

aggregating events deemed identical by virtue of their hierarchical position into an aggregate;

computing statistics for each aggregate; and

displaying said statistics for each said aggregate.

15 9. (Original) A method according to claim 7 wherein said analyzing includes:

aggregating events deemed identical by virtue of their context into an aggregate;

computing statistics for each aggregate; and

displaying said statistics for each said aggregate.

10. (Currently Amended) A system comprising:

20 a foundational layer upon which applications are built and executed; and

an event logging mechanism executing independently of said applications, said mechanism for generating an event log for any of said applications, without referencing any event ~~logs~~ log of said applications.

11. (Previously Presented) A system according to claim 10 wherein said event logging mechanism logs start time, end time and other event information into the event object for every event to be logged.

12. (Original) A system according to claim 10 wherein said foundational layer is an
5 operating system.

13. (Original) A system according to claim 10 wherein said foundational layer is a programmable framework.

14. (Previously Presented) A system according to claim 11 wherein said event logging mechanism can be turned on and then off from beyond the execution space of said applications
10 within said foundational layer, said turning on and off separate for each event.

15. (Original) A system according to claim 10 wherein said event logging mechanism can be turned on and turned off and configured using a browser application.

16. (Previously Presented) A system according to claim 15 wherein said event logging mechanism generates a plurality of event objects and is configured to analyze said event objects
15 and present to said browser application the results thereof.

17. (Original) A system according to claim 16 wherein said event logging mechanism is configured to analyze said event objects based upon hierarchical and contextual grouping.

18. (Original) A system according to claim 16 wherein said event logging mechanism is configured to aggregate said event objects deemed identical based upon at least one of
20 hierarchical and contextual grouping.

19. (Currently Amended) An article comprising a computer readable medium having instructions stored thereon which when executed causes:

creating, for every event to be logged that has not yet been logged within an application, an event object, said event object occupying a memory space ~~and executing~~ that is independent of said application; and

5 logging within said event object the start time, end time and information regarding the event.

20. (Original) An article according to claim 19 having further instructions stored thereon which when executed causes:

analyzing of said event objects according to hierarchical and contextual grouping.

21. (Currently Amended) An apparatus comprising:

10 means for creating, for every event to be logged that has not yet been logged within an application, an event object, said event object occupying a memory space ~~and executing~~ that is independent of said application; and

means for logging within said event object the start time, end time and information regarding the event.

15 22. (Original) An apparatus according to claim 21 further comprising:

means for analyzing of said event objects according to hierarchical and contextual grouping.

23. (Currently Amended) A system comprising:

a foundational layer upon which applications are built and executed;

20 a first application for executing on said foundational layer₁;

a second application for execution on said foundational layer₂;

~~an~~ third event-logging application mechanism for execution on said foundational layer, for functioning interoperably with₁ but separately from₁ said first and second applications, and for

generating an event log for either of said first and second applications, wherein at least one of said first and second applications does not generate an event log.

24. (Currently Amended) A system according to claim 23, wherein said generating an event log comprises storing, for each event to be logged, an associated event object, said
5 associated event object storing a temporal attribute of the event in ~~the~~ said associated event
~~object associated with the event.~~

25. (Currently Amended) A system according to claim 23, wherein said ~~third~~ event-logging mechanism comprises analyzing of said event log according to hierarchical and contextual grouping.

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